

RESPONSE TO OFFICE ACTION
"Method And Apparatus For The Treatment Of Individual Filaments Of A Multifilament Yarn"
Serial No. 10/731,863
Atty. Docket No. SSCM-030716.002
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REMARKS

The Applicant first wishes to thank the Examiner for the courtesy extended in the telephone conference held September 11, 2007; and for her consideration of Applicant's arguments concerning this application.

5 Applicant's new claims emphasize that his device utilizes rollers that have a roller profile variation chosen from the group of roller profiles consisting of a surface varied roller and a contour varied roller. These profiles are taught in the specification at ¶¶ 0034, 0052, and 0053 and some embodiments are illustrated at FIGS. 8 and 9 (U.S. Pat. Appl. Publ. 2005/0123681).

10 Claims are also directed to including at least one step of electroplating the yarn, taught in the specification at ¶ 0041; and identifies the use of PBO (poly(*p*-phenylene benzobisoxazole)) and M5 (poly{2,6-diimidazo[4,5-*b*:4'5'-*e*]pyridinylene-1,4(2,5-dihydroxy)phenylene}) in the method, as taught in the specification at ¶ 0045.

15 As acknowledged in the Office Action (OA at ¶7), the primary reference cited, Clayton (U.S. Pat. No. 3,460,978) does not teach any method of imparting a predetermined tension to yarn fibers, and therefore cannot teach any method of using variations in roller profile to accomplish such action. Clayton's device does not render the instant invention obvious, because, while it might be obvious, in the words of the Office Action (OA at ¶7) to perform "routine experimentation to optimize the speed and tension on the yarn," the instant invention does not
20 require any predetermined relationship between speed and tension.

Similarly, the secondary references cited, Suzuki (U.S. Pat. 4,086,374); Iwami (U.S. Pat. 3,870,551); Nuzzi (U.S. Pat. 3,962,494); and Mallory (U.S. Pat. 3,674,550) do not teach any

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method of imparting a predetermined tension to yarn fibers. Therefore these references cannot teach any method of using variations in roller profile to accomplish such action.

The Office Action objections on antecedent basis are believed moot due to the cancellation of the claims objected to (OA at ¶ 3).

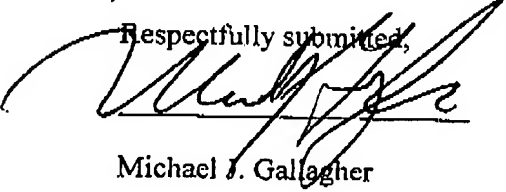
5 In view of the above, it is submitted that the application is in condition for examination. If any question should arise with respect to the above remarks, or if it would in any way expedite the prosecution of this case, applicant's attorney would appreciate a telephone call at (614) 228-6280 extension 17.

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October 30, 2007

Date

Respectfully submitted,


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CERTIFICATE OF FAX TRANSMISSION UNDER 37 CFR 1.8

I, undersigned, have transmitted the accompanying Response To Office Action by FAX to 571-273-8300 on October 30, 2007 at 5:22 am/pm to the United States Patent and Trademark Office.

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J. Andrew Mason